

FIGURE 1

HUMAN NMDAR1 cDNAs

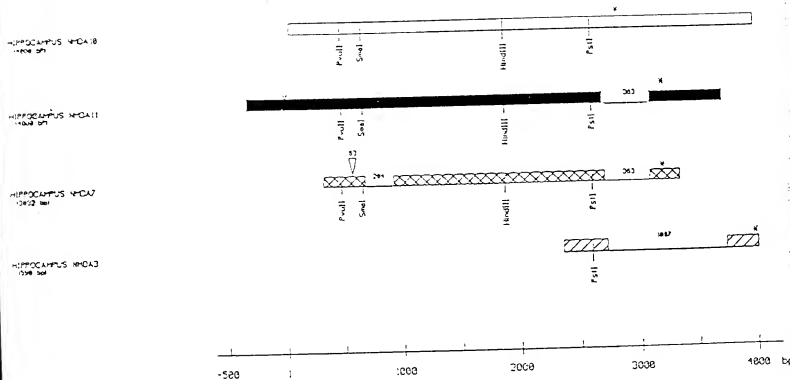
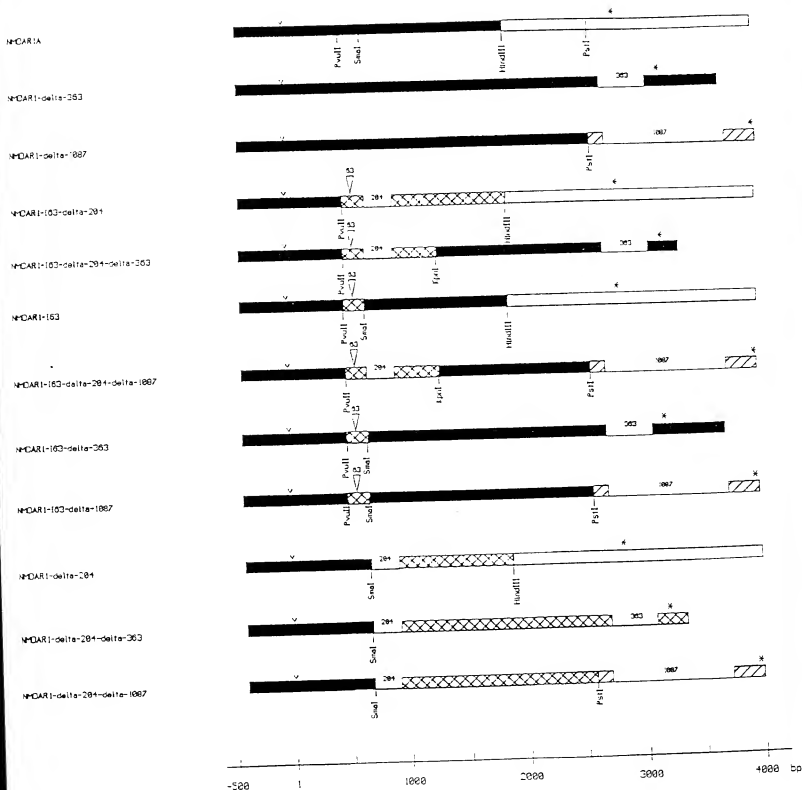


FIGURE 2

HUMAN MNDARIA CONSTRUCTS



3/5
FIGURE 3

NUCLEOTIDE SEQUENCE OF THE HUMAN NMDARIA RECEPTOR

1 ccaagcgggc gttccggagct gtcgccggcc cgccttcagc acccgagaca ggcggggccc cgtggggctc agccggagcc ccccgccgac gcttcagccc
101 cctctccctc ggcggagctc cggggagccc cgtccggggg gagaatggc gtcggagccc cggggggccc ggcggggccc gacggggccc gacggggccc
201 gggggatgag cggggggccc cgccttcgca cgcggcgag cggggggccc gggggggccc catgagacac atgcgctggc tgacgctggc cgtcgtgttc
301 tctgtgtgct tggccctggc cgcgtccccc cccagatgct tcaactatgc cggcgctgctc agcagccccc acagcagcca gatgttccgc gacagcccca
401 acagccccc acagccccc cgcgtccccc acattcagct caatgcacac tgcgtccccc acagccccc cccatccagc atgcgtgtct cgtgtgtgca
501 gacccctcgc tccagcagc tctacccat cctaggttagc catccaccca ccccccagca cccatccatc cccacccccc tctcctacac acccccccgc
601 taccctcgc cctcgtggcc gctgacccc cccatctgca tctactgcca cagagcagc cacttcagct tctgtgccc cgtcccccgc tactccccc
701 atgcagctgt gctgttttag atgactgctg tctagctgca gacagcagc atctcctgct tgcagcagca cccagcagcc ccccccgcgc agaacccccc
801 ggcagcctgc cttgagcagc gttagctgca gcccagagc gctcgtgctc tgcagcagc cccagcagcc ccccccgcgc agaacccccc
901 cttgagcagc gctcgtgctc ccttttgcgc agcagcagc atctcctgca tctactgcca cccagcagc tctgtgccc ccccccgcgc
1001 gctcgtgccc cccagcagc atctcctgca agcccccgc cccagcagc cccagcagc tctgtgccc ccccccgcgc
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1301 agcttccccc cctagcagc atcagcagc agaacccccc cctcagcagc gctcgtgctc cctcagcagc cccagcagc cccagcagc
1401 cctcagcagc cctagcagc agaacccccc agaacccccc atctcctgca cctcagcagc tctgtgccc cccagcagc cccagcagc
1501 atctcagct atctcagct cccagcagc tctagcagc agaacccccc atctcctgca cctcagcagc cccagcagc cccagcagc
1601 ccccccagc gctcgtgccc tctgtgccc cctcagcagc cctcagcagc atctcctgca cctcagcagc cccagcagc cccagcagc
1701 agatgagca tctcagcagc agaacccccc cccagcagc cccagcagc atctcctgca cctcagcagc cccagcagc cccagcagc
1801 ccccccagc tctcagcagc cccagcagc cccagcagc cccagcagc atctcctgca cctcagcagc cccagcagc cccagcagc
1901 ccccccagc cctcagcagc cccagcagc cccagcagc cccagcagc atctcctgca cctcagcagc cccagcagc cccagcagc
2001 gacccctgct acccccccgc cccagcagc cccagcagc cccagcagc atctcctgca cctcagcagc cccagcagc cccagcagc
2101 cctcagcagc cccagcagc cccagcagc cccagcagc cccagcagc atctcctgca cctcagcagc cccagcagc cccagcagc
2201 agacccccc cccagcagc cccagcagc cccagcagc cccagcagc atctcctgca cctcagcagc cccagcagc cccagcagc
2301 cccagcagc cccagcagc cccagcagc cccagcagc cccagcagc atctcctgca cctcagcagc cccagcagc cccagcagc
2401 cccagcagc cccagcagc cccagcagc cccagcagc cccagcagc atctcctgca cctcagcagc cccagcagc cccagcagc
2501 cccagcagc cccagcagc cccagcagc cccagcagc cccagcagc atctcctgca cctcagcagc cccagcagc cccagcagc
2601 cccagcagc cccagcagc cccagcagc cccagcagc cccagcagc atctcctgca cctcagcagc cccagcagc cccagcagc
2701 cccagcagc cccagcagc cccagcagc cccagcagc cccagcagc atctcctgca cctcagcagc cccagcagc cccagcagc
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3001 cccagcagc cccagcagc cccagcagc cccagcagc cccagcagc atctcctgca cctcagcagc cccagcagc cccagcagc
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3201 cccagcagc cccagcagc cccagcagc cccagcagc cccagcagc atctcctgca cctcagcagc cccagcagc cccagcagc
3301 cccagcagc cccagcagc cccagcagc cccagcagc cccagcagc atctcctgca cctcagcagc cccagcagc cccagcagc
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3601 cccagcagc cccagcagc cccagcagc cccagcagc cccagcagc atctcctgca cctcagcagc cccagcagc cccagcagc
3701 cccagcagc cccagcagc cccagcagc cccagcagc cccagcagc atctcctgca cctcagcagc cccagcagc cccagcagc
3801 cccagcagc cccagcagc cccagcagc cccagcagc cccagcagc atctcctgca cctcagcagc cccagcagc cccagcagc
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4001 cccagcagc cccagcagc cccagcagc cccagcagc cccagcagc atctcctgca cctcagcagc cccagcagc cccagcagc
4101 cccagcagc cccagcagc cccagcagc cccagcagc cccagcagc atctcctgca cctcagcagc cccagcagc cccagcagc
4201 cccagcagc cccagcagc cccagcagc cccagcagc cccagcagc atctcctgca cctcagcagc cccagcagc cccagcagc

FIGURE 4

HUMAN NMDAR2C GENES

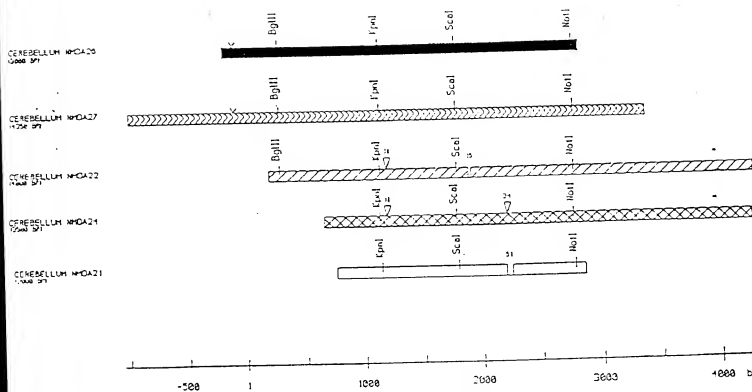


FIGURE 5

CONSTRUCTION OF THE FULL-LENGTH HUMAN NMDAR2C cDNAs

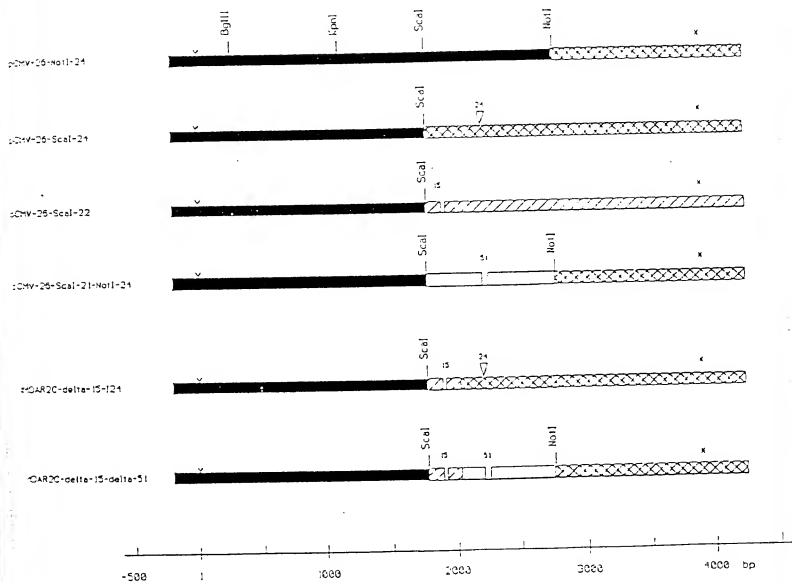


FIGURE 6

